## BIRCH, STEWART, KOLASO

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

ATTORNEY DOCKET NO. 2224-0238PUS1

22 MAR 2005\*">

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor ( if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PROCESS FOR PRODUCING CARBOXYLIC ACID AND SYSTEM FOR PRODUCING THE SAME

Insert Title:	PROCESS FOR PRODUCING CA	RBOXYLIC ACID A	ND SYSTEM FOR PRODU	JCING THE SAME				
	the specifications of which is attached hereto. If n and/or the following:							
Fill in Appropriate Information -	the specification was filed on			as				
For Use Without Specification Attached:	United States Application Number	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;						
	and amended on	October 3, 2003 (if applicable); and/or						
	the specification was filed on	DOT/TD03/13606						
	International Application Number	, and was						
	amended on	(if applicable)						
	I hereby state that I have reviewed and unby any amendment referred to above.  I acknowledge the duty to disclose inform §1.56.  I do not know and do not believe the sathereof, or patented or described in any printerprior to this application, that the same was no application, that the invention has not been application in any country foreign to the Unit more than twelve months (six months for deson this invention has been filed in any countrepresentatives or assigns, except as follows.  I hereby claim foreign priority benefits or inventor's certificate listed below and have a filing data before that of the application on	me was ever known or used publication in any count in public use or on sale in patented or made the subject States of America on arigns) prior to this applicative foreign to the United States identified below any	patentability as defined in Title 37 and in the United States of America try before my or our invention on the United States of America me ject of an inventor's certificate in application filed by me or my lettion, and that no application for postates of America prior to this and the content of the conten	7, Code of Federal Regulations, ca before my or our invention thereof or more than one year prior to this issued before the date of this egal representatives or assignatent or inventor's certificate application by me or my legal reign application(s) for patent				
	a filing date before that of the application on which priority is claimed:							
Land District	Prior Foreign Application(s)			Priority Claimed				
Insert Priority Information: (if appropriate)	294514/2002	Japan	Oct./8/2002	_ 🛛 🗖				
	(Number)	(Country)	(Month / Day / Year Filed)	Yes No				
	(Number)	(Country)	(Month / Day / Year Filed)	Yes No				
	(Number)	(Country)	(Month / Day / Year Filed)	. 🗀 🗀				
	(Municer)	(Country)	(Wondi / Day / Teal Theu)	Yes No				
	(Number)	(Country)	(Month / Day / Year Filed)	Yes No				
Y a Danisianal	I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.							
Insert Provisional Application(s):								
(if any)	(Application Number)		•	(Filing Date)				
	(Application Number)			(Filing Date)				
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed more than 12 months (6 months for designs) Prior to the Filing Date of this Application:							
Insert Requested Information: (if appropriate)	Country	Application Number Da		ate of Filing (Month / Day / Year)				
Insert Prior U.S.	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in- part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.							
Application(s):	(Application Number)	(Filing Date)	(Filing Date) (Status - patented, pending, abandoned)					
D 1 . 62	(Application Number)	(Filing Date)	(Status - patent	ted, pending, abandoned)				
Page 1 of 2								

Rec'd PCT/PTO 22 MAR 2005
ATTORNEY DOCKET NO. 2224-0238PUS1

10/528689

I hereby appoint the practitioners at CUSTOMER NO. 02292 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP

or CUSTOMER NO.

02292

P.O. Box 747 • Falls Church, Virginia 22040-0747

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:	, 🗷		·				
Full Name of First or Sole Inventor:	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE March		
Insert Name of Inventor Insert Date This	Akira	HORIGUCHI	Akira Horigachi		3, 2005		
Document is Signed	Residence (City, State	& Country)	1.0 1/10	CITIZENSHIP			
Insert Residence Insert Citizenship	Yao-shi, Osaka, Japan 500			Japan			
Insert Mailing Address	MAILING ADDRESS (Complete Street Address including City, State & Country) 134, Yamatake, Yao-shi, OSAKA 581-0864 JAPAN						
Full Name of Second Inventor, if any:	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE March		
Inventor, it any	Tomohide	INA	Tomohide Ina		3, 2005		
See above	Residence (City, State	& Country)	1	CITIZENSHIP			
	Himeji-shi, <u>H</u>		Q	Japan			
	MAILING ADDRESS (Complete Street Address including City, State & Country)						
Full Name of Third Inventor, if any see above	61-15, Katsuhara-cho, Katsuhara-ku, Himeji-shi, HYOGO 671-1212 JAPAN						
	GIVEN NAME FAMILY NAME INVENTOR'S SIGNATURE			DATE March			
	Hiroyuki MIURA Hroyuki mi		a	3, 2005			
	Residence (City, State & Country)  CITIZENSHIP						
		Hyogo, Japan	20h	Japan			
	MAILING ADDRESS (Complete Street Address including City State & Country)						
	1710-3, Amida, Amida-cho, Takasago-shi, HYOGO 676-0827 JAPAN						
Full Name of Fourth Inventor, if any	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE*		
see above	Residence (City, State & Country)		CITIZENSHIP				
	MAILING ADDRESS (Complete Street Address including City, State & Country)						
Full Name of Fifth Inventor, if any	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE*		
see above							
222 22010	Residence (City, State & Country)  CITIZENSHIP						
	MAILING ADDRESS (Complete Street Address including City, State & Country)						
Page 2 of 2 (Revised 01/02)	<u></u>						

<sup>\*</sup> DATE OF SIGNATURE